

Message Text

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PAGE 01 STATE 079456
ORIGIN OES-06

INFO OCT-01 ARA-06 ISO-00 EB-08 AID-05 ERDA-05 FEA-01
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DRAFTED BY OES/NET/IM:MPROCHNIK
APPROVED BY OES/NET/IM:MPROCHNIK
EB/ORF/FSE - B RAMSAY(SUBS)
TA/OST (AID) J.BONSINS (SUBS)
ERDA/AIA - VANDERRYN/BROWN
ARA/CAR (AID) WHEELER
ARA/CAR - G DE SANTILLANA (SUBS)
-----082323Z 001963 /73

P 082128Z APR 77
FM SECSTATE WASHDC
TO AMEMBASSY PORT AU PRINCE PRIORITY

C O N F I D E N T I A L STATE 079456

E.O. 11652: GDS

TAGS: TECH, ENGR

SUBJECT: AN INTERNATIONAL PILOT SOLAR ENERGY PROJECT FOR
HAITI: A PROPOSED U.S. POLICY INITIATIVE

REF. A. PORT A 931 AND 898

1. WE APPRECIATE EMBASSY'S THOUGHTFUL ANALYSIS OF
BENEFITS TO U.S. AND HAITI STEMMING FROM MAJOR DEMONSTRATION
PROJECT IN PRODUCTION OF ELECTRICITY FROM SOLAR
ENERGY.

2. U.S. NOW IN PROCESS OF DEVELOPING COMPREHENSIVE
PROGRAM OF COOPERATION WITH LDCS IN ENERGY TECHNOLOGY
DEVELOPMENT. PROGRAM, IN WHICH NUMBER OF AGENCIES WILL
PARTICIPATE, IS DESIGNED TO MEET FOREIGN POLICY AND
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DEVELOPMENT OBJECTIVES IN A COORDINATED MANNER GIVING
PRIORITY TO THOSE AREAS AND TECHNOLOGIES WHICH APPEAR TO
MAKE BEST USE OF LIMITED FUNDS THAT CAN BE DEVOTED FOR THIS
PURPOSE. THE ADVANTAGES STEMMING FROM PILOT SOLAR ENERGY
ACTIVITY IN HAITI WILL BE CONSIDERED IN DETERMINING THE
ACTUAL PROJECTS THAT WILL BE SUPPORTED.

3. WE WOULD EXPECT OVERALL LDC PROGRAM DEVELOPMENT TO HAVE REACHED A STAGE IN 1-2 MONTHS WHERE SOME PRELIMINARY REACTION TO REFTEL WILL BE POSSIBLE. IN THE MEANTIME IT WOULD BE HELPFUL IF EMBASSY COULD PROVIDE DESCRIPTION OF ANY ON-GOING COOPERATIVE ARRANGEMENTS IN THIS AREA WITH OTHER COUNTRIES OR ANY CURRENT DOMESTIC ACTIVITIES RELATED TO USE OF SOLAR ENERGY. INFORMATION ON AVERAGE DAILY HOURS OF SUNS;INE EACH MONTH WOULD BE USEFUL, AS WOULD SIMILAR INFORMATION ON WINDS, IF AVAILABLE.

4. FOR EMBASSY'S BACKGROUND, THE TECHNOLOGY OF PRODUCTION OF ELECTRICITY FROM SOLAR-THERMAL FACILITIES IN THE 2 MW-50 MW RANGE IS CONSIDERED ABOUT 10 YEARS AWAY FROM REALIZATION; ELECTRICITY PRODUCTION IN THIS RANGE FROM PHOTOVOLTAICS NOT YET AVAILABLE. ELECTRICITY PRODUCTION IN KILOWATT RANGE CURRENTLY POSSIBLE, HOWEVER, AT COST OF APPROXIMATELY \$1.80-2.40 PER KILOWATT-HOUR (PEAK AND INTERMEDIATE LOAD, NOT BASE LOAD). BY 1985, COST EXPECTED TO BE 60-80 MILS PER KWH, INCLUDING NECESSARY STORAGE. WIND ENERGY CONVERSION SYSTEMS CURRENTLY AVAILABLE AT 100-150 MILS PER KWH (16 MPH WINDS) FROM SMALL KILOWATT-SIZE WINDMILLS. ERDA EXPECTS LARGER 1.5-MW GENERATORS AVAILABLE BY 1980'S TO PROVIDE ELECTRICITY AT 40-60 MILS PER KWH (IN 18 MPH WINDS) IF MANUFACTURED IN QUANTITIES OF ABOUT 100.

5. IN CONNECTION WITH USAID/H INTERMEDIATE TECHNOLOGY PROJECT AID/W IS ARRANGING FOR TEMPORARY DUTY OF A TEAM WHICH WILL BE PREPARED TO ADDRESS NOVEL ENERGY SOURCES
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AMONG OTHER ISSUES.
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
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Control Number: n/a
Copy: SINGLE
Sent Date: 08-Apr-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Drafter: MPROCHNIK
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
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Format: TEL
From: STATE
Handling Restrictions: n/a
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Legacy Key: link1977/newtext/t19770473/aaaaclgz.tel
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